detecting availability of said enhanced services;

requesting requested bandwidth from said enhanced services; and

when said requested bandwidth is available, employing said requested bandwidth for transmission of data with said variable bandwidth repeater switch.

8. A method as recited in claim **7**, further comprising the step of prior to said employing step, receiving an authorization to employ enhanced services of said enhanced services region.

9. A method as recited in claim **7**, wherein said employing step comprises the steps of:

transmitting data consistent with said requested bandwidth through a variable bandwidth connection from said plurality of interconnections through said variable bandwidth repeater switch; and

receiving data consistent with requested bandwidth through said variable bandwidth connection from said plurality of interconnections.

10. A method as recited in claim **9**, said employing step further comprises the steps of:

receiving said plurality of interconnections having at least said requested bandwidth; and

a user selecting said variable bandwidth connection having at least said requested bandwidth.

11. A method as recited in claim **10**, wherein said selecting step further comprises the step of allowing said user to withdraw said bandwidth request.

12. A communication system having a standard services region and an enhanced services region for dynamically allocating bandwidth in said enhanced services region and for providing enhanced services to a user, said communication system comprising:

a subscriber unit for detecting availability of said enhanced services region; and

when said subscriber unit requests said enhanced services in said enhanced services region, a variable bandwidth repeater switch having a plurality of interconnections between said subscriber unit and said standard services region for evaluating availability of requested bandwidth, and when said requested bandwidth is available, allocating said requested bandwidth to said subscriber unit.

13. A communication system as recited in claim **12**, wherein said variable bandwidth repeater switch further authorizes said subscriber unit to employ enhanced services in said enhanced services region.

14. A communication system as recited in claim **12**, wherein said variable bandwidth repeater switch further selects a variable bandwidth connection from said plurality of interconnections through said variable bandwidth repeater switch having at least said requested bandwidth, and establishes said variable bandwidth connection through said variable bandwidth repeater switch.

15. A communication system as recited in claim **14**, wherein said variable bandwidth repeater switch further evaluates a cost of each of said plurality of interconnections having at least said requested bandwidth, and selects said variable bandwidth connection having a least cost of said plurality of interconnections having at least said requested bandwidth.

16. A communication system as recited in claim **14**, further comprising:

said variable bandwidth repeater switch further presents to a user of said subscriber unit each of said plurality of interconnections having at least said requested bandwidth; and

said subscriber unit further selects said variable bandwidth connection having at least said requested bandwidth.

17. A communication system as recited in claim **15**, wherein said variable bandwidth repeater switch allows said user of said subscriber unit to withdraw said requested bandwidth.

18. In a communication system having a standard services region and an enhanced services region, a variable bandwidth repeater switch for dynamically allocating bandwidth available to a subscriber unit operating in said enhanced services region when said subscriber unit requests a requested bandwidth, comprising:

an enhanced services region transceiver for receiving a bandwidth request from a subscriber unit in said communication system and for employing said requested bandwidth by transmitting and receiving consistent with said requested bandwidth with said subscriber unit;

an enhanced services transmission transceiver for establishing an interface with said standard services region for employing said requested bandwidth by transmitting and receiving consistent with said requested bandwidth with said standard services region; and

a switch having a plurality of interconnections between said enhanced services region transceiver interfacing with said subscriber unit, and said enhanced services transmission transceiver interfacing with said standard services region, said switch also evaluates availability of requested bandwidth and allocates said requested bandwidth when said requested bandwidth is available.

19. A variable bandwidth repeater switch as recited in claim **18**, further comprising:

an enhanced services beacon transmitter for defining said enhanced services region by broadcasting a beacon signal about said enhanced services region.

20. A variable bandwidth repeater switch as recited in claim **18**, wherein said switch further comprises:

a switch controller for authorizing said subscriber unit to employ enhanced services of said enhanced services region.

21. A variable bandwidth repeater switch as recited in claim **20**, wherein said switch controller further selects a variable bandwidth connection from said plurality of interconnections through said switch, and establishes said variable bandwidth connection through said switch.

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